

Search Results For: **802.1x multicast authentication MAC Port address**

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50 Per Page

1-46 of 46 1

1.

CCIE® Routing and Switching  
Exam Certification Guide

By: A. Anthony Bruno

Publisher: Cisco Press

Pub. Date: 2002/07/17

Insert Date: 2002/11/27

Table of Contents

## Section Title: LAN Switching Topics

Device ID: R9

Entry address(es):

IP address: 150.100.1.9

Platform: cisco 2500, Capabilities: Router

2.

Real 802.11 Security: Wi-Fi  
Protected Access and 802.11iBy: Jon Edney, William A.  
ArbaughPublisher: Addison Wesley  
Professional

Pub. Date: 2003/07/15







Insert Date: 2003/08/21






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## Section Title: Pairwise Key Hierarchy






... has all the information it needs to compute the temporal keys. It already had the PMK, its own SNonce, and **MAC address** and now it has the ANonce and **MAC address** of the authenticator. So the supplicant now computes the four temporal keys using the algorithm described later in this..






More Results From This Book







<p>3.</p> 	<p>BCMSN Exam Cram™ 2 (Exam Cram 642-811)  <b>By:</b> Richard A. Deal  <b>Publisher:</b> Exam Cram  <b>Pub. Date:</b> 2003/11/07  <b>Insert Date:</b> 2003/11/18  <a href="#">Table of Contents</a></p>	<p><b>Glossary</b></p> <p>... s <b>802.1x</b> standard defines how to <b>authenticate</b> and control <b>port</b> access. A switch's <b>port</b> state (with <b>802.1x</b> enabled) is initially in an unauthorized state. The switch allows only Extensible Authentication over LAN (EAPOL) traffic through the <b>port</b> until the user has been <b>authenticated</b>. <b>802.1x</b> uses...</p> <p><b>More Results From This Book</b> </p>
<p>4.</p> 	<p>Mac OS X Unwired  <b>By:</b> Tom Negrino; Dori Smith  <b>Publisher:</b> O'Reilly  <b>Pub. Date:</b> 2003/12/01  <b>Insert Date:</b> 2003/12/16  <a href="#">Table of Contents</a></p>	<p><b>Numbers-P</b></p> <p>... AirPort See 802.11b. AirPort Extreme See 802.11g. AP See Access Point. <b>Authenticating</b> server In a WLAN using <b>802.1X</b> and EAP, a supplicant requests access to an authenticator, which requests the supplicant's identity, which is then passed to an <b>authenticating</b> server. This server (which may use RADIUS) follows...</p>
<p>5.</p> 	<p>Field Guide to Wireless LANs for Administrators and Power Users, A  <b>By:</b> Thomas Maufer  <b>Publisher:</b> Prentice Hall  <b>Pub. Date:</b> 2003/10/17  <b>Insert Date:</b> 2003/12/19  <a href="#">Table of Contents</a></p>	<p><b>Section Title: IEEE 802.11i —Robust Security Network</b></p> <p>... its Beacon and Probe Response frames. After the association has been established, only IEEE <b>802.1X</b> protocol messages (i.e., EAP and its associated authentication method) flow across the link until authentication completes; the IEEE <b>802.1X</b> Port Access Entity (PAE) in the Supplicant filters all non-EAP traffic...</p> <p><b>More Results From This Book</b> </p>
<p>6.</p> 	<p>CCNP BCMSN Exam Certification Guide  <b>By:</b> David Hucaby - CCIE No. 4594  <b>Publisher:</b> Cisco Press  <b>Pub. Date:</b> 2003/09/23  <b>Insert Date:</b> 2004/01/13  <a href="#">Table of Contents</a></p>	<p><b>Introduction: Overview of Certification and How to Succeed</b></p> <p>... that IP Telephony features are functioning properly. Chapter 19, "Securing Switch Access"— This chapter covers Switch <b>Authentication</b>, Authorization, and Accounting (AAA), <b>port</b> security using <b>MAC</b> addresses, and port-based security using IEEE <b>802.1x</b>. Chapter 20, "Securing with VLANs"— This chapter covers how to control traffic within a VLAN using...</p>





- |     |  |   |  |
|-----|--|---|--|
| 7.  |    | <p>MCSE Training Guide (70-293):<br/>Planning and Maintaining a<br/>Windows® Server™ 2003<br/>Network Infrastructure<br/><b>By:</b> Will Schmied; Robert J.<br/>Shimonski</p> <p><b>Publisher:</b> Que<br/><b>Pub. Date:</b> 2003/12/17<br/><b>Insert Date:</b> 2004/01/30<br/>Table of Contents</p>  | <p><b>Section Title: Answers And Explanations</b></p> <p>... switch keeps a memory database of which device is plugged into which <b>port</b> on the switch. The memory in the switch can show via a table which <b>MAC address</b> (from the NIC) is plugged into which <b>port</b>, so when a device needs to communicate with another device, it...</p> <p><b>More Results From This Book</b> </p> |
| 8.  |   | <p>Linux Unwired<br/><b>By:</b> Edd Dumbill; Brian Jepson;<br/>Roger Weeks</p> <p><b>Publisher:</b> O'Reilly<br/><b>Pub. Date:</b> 2004/04/01<br/><b>Insert Date:</b> 2004/04/16<br/>Table of Contents</p>  | <p><b>Section Title: WPA on Linux</b></p> <p>... a full implementation of a WPA Authenticator. Right now, however, the hostapd daemon acts as an <b>802.1x</b> Authenticator and authenticates against a RADIUS database. Windows XP and Mac OS X both include support for <b>802.1x</b> Supplicants. There is an open source implementation available for Linux called Xsupplicant, which is located...</p>   |
| 9.  |   | <p>Metro Ethernet<br/><b>By:</b> Sam Halabi</p> <p><b>Publisher:</b> Cisco Press<br/><b>Pub. Date:</b> 2003/10/01<br/><b>Insert Date:</b> 2004/05/19<br/>Table of Contents</p>  | <p><b>Section Title: Metro Ethernet Services Concepts</b></p> <p>... Ethernet interfaces between two switches to form an aggregate bigger pipe. The destination <b>MAC address</b> for these control frames is 01-80-C2-00-00-02. IEEE <b>802.1x port</b> authentication— This protocol allows a user (an Ethernet <b>port</b>) to be <b>authenticated</b> into the network via a back-end server, such as a RADIUS server...</p>  |
| 10. |  | <p>MCSA/MCSE Self-Paced Training<br/>Kit (Exam 70-291):<br/>Implementing, Managing, and<br/>Maintaining a Microsoft Windows<br/>Server 2003 Network<br/>Infrastructure<br/><b>By:</b> J. C. Mackin; Ian McLean</p> <p><b>Publisher:</b> Microsoft Press<br/><b>Pub. Date:</b> 2003/08/13<br/><b>Insert Date:</b> 2004/06/23<br/>Table of Contents</p> | <p><b>Glossary</b></p> <p>... broadcast traffic on the local network to resolve a logically assigned Internet Protocol version 4 (IPv4) <b>address</b> to its physical hardware or Media Access Control (<b>MAC</b>) layer <b>address</b>. administrative credentials Logon information that is used to identify a member of an administrative group. Groups that use...</p>   |

<p>11.</p> 	<p>802.11 Wireless LAN Fundamentals  <b>By:</b> Pejman Roshan; Jonathan Leary  <b>Publisher:</b> Cisco Press  <b>Pub. Date:</b> 2003/12/23  <b>Insert Date:</b> 2004/10/22  <a href="#">Table of Contents</a></p>	<p><b>Section Title:</b> Secure 802.11 WLANs</p> <p>... logical <b>port</b> has two data paths: uncontrolled and controlled. The uncontrolled data path allows all <b>802.1X</b> authentication traffic through to the network. The controlled data path blocks normal network traffic until successful client authentication occurs. Figure 4-19 shows the logical ports of an <b>802.1X</b> authenticator. <b>802.1X</b> Logical Authenticator Ports <b>802.1X</b>...</p>
<p>12.</p> 	<p>CCIE Practical Studies Volume II  <b>By:</b> Karl Solie - CCIE No. 4599; Leah Lynch - CCIE No. 7220  <b>Publisher:</b> Cisco Press  <b>Pub. Date:</b> 2003/11/07  <b>Insert Date:</b> 2004/10/23  <a href="#">Table of Contents</a></p>	<p><b>Section Title:</b> Catalyst 3550 Configuration Modes and Terminology</p> <pre>3550_switch#show spanning-tree detail &lt;&lt;&lt;text omitted&gt;&gt;&gt; Port 25 (GigabitEthernet0/1) of VLAN0005 is broken (Root Inconsistent)     Port path cost 4, Port priority 128, Port Identifier 128.25.     Designated root has priority 32768, address 0004.275e.f5c4</pre> <p><b>More Results From This Book</b> </p>
<p>13.</p> 	<p>Top-Down Network Design, Second Edition  <b>By:</b> Priscilla Oppenheimer  <b>Publisher:</b> Cisco Press  <b>Pub. Date:</b> 2004/05/27  <b>Insert Date:</b> 2004/10/24  <a href="#">Table of Contents</a></p>	<p><b>Section Title:</b> Selecting Internetworking Devices for a Campus Network Design</p> <p>... of <b>MAC</b> addresses that the switch or bridge can learn Support for <b>port</b> security (<b>802.1X</b>) Support for cut-through switching Support for adaptive cut-through switching VLAN technologies supported, such as the Virtual Trunking Protocol (VTP), Inter-Switch Link (ISL) protocol, and IEEE 802.1Q Support for <b>multicast</b>...</p> <p><b>More Results From This Book</b> </p>
<p>14.</p> 	<p>Wi-Foo: The Secrets of Wireless Hacking  <b>By:</b> Andrew A. Vladimirov; Konstantin V. Gavrilenko; Andrei A. Mikhailovsky  <b>Publisher:</b> Addison Wesley Professional  <b>Pub. Date:</b> 2004/06/28  <b>Insert Date:</b> 2004/11/14  <a href="#">Table of Contents</a></p>	<p><b>Section Title:</b> 802.11i Wireless Security Standard and WPA: The New Hope</p> <p>... the Sentinel: <b>802.1x</b> The <b>802.1x</b> standard (<a href="http://standards.ieee.org/getieee802/download/802.1X-2001.pdf">http://standards.ieee.org/getieee802/download/802.1X-2001.pdf</a>) was initially designed to provide Layer 2 user authentication on switched wired networks. We have already mentioned the honorable Cisco Catalyst 6000 switches in this chapter; the ability to configure <b>802.1x</b> support...</p>

15. 	<p>Cisco Wireless LAN Security  <b>By:</b> Krishna Sankar; Sri Sundaralingam; Andrew Balinsky; Darrin Miller  <b>Publisher:</b> Cisco Press  <b>Pub. Date:</b> 2004/11/15  <b>Insert Date:</b> 2005/03/02  <a href="#">Table of Contents</a></p>	<p><b>Section Title:</b> New WLAN Deployments</p> <p>... on IP <b>multicast</b> to function. Examples include IP video streaming applications like Cisco IP/TV, financial applications, and IP telephony applications like <b>multicast</b> Music-On-Hold in a Cisco Call Manager environment. There might be other applications that do not interoperate with IPSec, such as applications that embed IP <b>address</b> information...</p>
16. 	<p>CCDP Self-Study: Designing Cisco Network Architectures (ARCH)  <b>By:</b> Keith Hutton; Amir Ranjbar  <b>Publisher:</b> Cisco Press  <b>Pub. Date:</b> 2004/12/06  <b>Insert Date:</b> 2005/03/15  <a href="#">Table of Contents</a></p>	<p><b>Section Title:</b> Designing WLANs for Enhanced Enterprise Communications</p> <p>... a <b>multicast</b> user roaming from one AP to another is roaming from one switch <b>port</b> to another. The new switch <b>port</b> might not have this stream set up, and it has no reliable way of determining the required <b>multicast</b> stream. Therefore, to deliver <b>multicast</b> reliably to roaming clients, the <b>multicast</b>...</p>
17. 	<p>Network Security Architectures  <b>By:</b> Sean Convery  <b>Publisher:</b> Cisco Press  <b>Pub. Date:</b> 2004/04/19  <b>Insert Date:</b> 2005/04/30  <a href="#">Table of Contents</a></p>	<p><b>Section Title:</b> Layer 2 Security Considerations</p> <p>CatOS&gt; (enable) set <b>port</b> arp-inspection 2/1 drop-threshold 25 shutdown-threshold 50  Drop Threshold=25, Shutdown Threshold=50 set on <b>port</b> 2/1.  CatOS&gt; (enable)</p> <p><b>More Results From This Book</b> </p>
18. 	<p>Microsoft® Windows® XP Professional Resource Kit, Second Edition  <b>By:</b> The Microsoft Windows Team  <b>Publisher:</b> Microsoft Press  <b>Pub. Date:</b> 2003/06/11  <b>Insert Date:</b> 2005/05/12  <a href="#">Table of Contents</a></p>	<p><b>Section Title:</b> Wireless Networking</p> <p>... 802.11 standard. <b>802.1x</b> The 802.1x draft standard defines port-based, network access control used to provide authenticated network access for Ethernet networks. This port-based network access control uses the physical characteristics of the switched LAN infrastructure to <b>authenticate</b> devices attached to a LAN <b>port</b>. Access to the <b>port</b> can be...</p>

<p>19.</p> 	<p>MPLS VPN Security  <b>By:</b> Michael H. Behringer;  Monique J. Morrow    <b>Publisher:</b> Cisco Press    <b>Pub. Date:</b> 2005/06/08    <b>Insert Date:</b> 2005/07/01    Table of Contents</p>	<p>Section Title: Customer Edge</p> <pre> cons-csr1 (config-if)#storm-control ? broadcast Broadcast address storm control multicast Multicast address storm control unicast Unicast address storm control </pre> <p><b>More Results From This Book</b> </p>
<p>20.</p> 	<p>EXAM CRAM™ 2 Network+  Certification Practice Questions  <b>By:</b> Charles Brooks    <b>Publisher:</b> Exam Cram    <b>Pub. Date:</b> 2005/06/07    <b>Insert Date:</b> 2005/07/13    Table of Contents</p>	<p>Section Title: Domain 2.0: Protocols and Standards</p> <p>... its <b>MAC address B</b>. Convert an <b>IP address</b> to its Ethernet <b>address C</b>. Convert an <b>IP address</b> to its <b>ARP address D</b>. Convert a <b>MAC address</b> to its <b>IP address 32</b>. IGMP is designed to support _____. A. <b>IP-MAC address mapping B. multicasting C...</b></p>
<p>21.</p> 	<p>802.11 Wireless Networks: The  Definitive Guide, 2nd Edition  <b>By:</b> Matthew Gast    <b>Publisher:</b> O'Reilly    <b>Pub. Date:</b> 2005/04/25    <b>Insert Date:</b> 2005/08/03    Table of Contents</p>	<p>Section Title: Topology Examples</p> <p>... an <b>address</b>. To minimize end-user configuration, it is worth considering using DHCP to assign fixed addresses to <b>MAC addresses</b>. As a final point, there may be an interaction between <b>address</b> assignment and security. If VPN solutions are deployed, it is possible to use RFC 1918 (private) <b>address</b> space...</p>
<p>22.</p> 	<p>CCNP Self-Study: CCNP BCMSN  Exam Certification Guide, Third  Edition  <b>By:</b> David Hucaby, - CCIE No.  4594    <b>Publisher:</b> Cisco Press    <b>Pub. Date:</b> 2005/10/11    <b>Insert Date:</b> 2005/10/04    Table of Contents</p>	<p>Introduction: Overview of Certification and How to Succeed</p> <p>... how to verify that IP Telephony features are functioning properly. Chapter 17, "Securing Switch Access"—This chapter covers switch <b>Authentication</b>, Authorization, and Accounting (AAA); <b>port</b> security using <b>MAC addresses</b>; port-based security using IEEE 802.1x; DHCP snooping; and dynamic ARP inspection. Chapter 18, "Securing with VLANs"—This chapter covers...</p>

- |  |   |  |
|--|---|--|
| <p>23.</p>   | <p>Network+™ 2005 Q&amp;A<br/> <b>By:</b><br/> <b>Publisher:</b> Course Technology<br/> <b>Pub. Date:</b> 2005/01/01<br/> <b>Insert Date:</b> 2005/10/19<br/> <a href="#">Table of Contents</a></p>   | <p><b>Section Title:</b> Domain 2.0 — Protocols and Standards — 20%</p> <p>... Lightweight Directory Access Protocol) IGMP (Internet Group <b>Multicast</b> Protocol) LPR (Line Printer Remote) 2.11 Define the function of TCP/UDP (Transmission Control Protocol/User Datagram Protocol) <b>ports</b>. 2.12 Identify the well-known <b>ports</b> associated with the following commonly used services and protocols...</p>   |
| <p>24.</p>  | <p>Network+™ 2005 In Depth<br/> <b>By:</b> Tamara Dean<br/> <b>Publisher:</b> Course Technology<br/> <b>Pub. Date:</b> 2005/01/01<br/> <b>Insert Date:</b> 2005/10/19<br/> <a href="#">Table of Contents</a></p>  | <p><b>Section Title:</b> Domain 2.0 Protocols and Standards—20% of Examination</p> <p>... Access Protocol) 8 IGMP (Internet Group <b>Multicast</b> Protocol) 4 LPR (Line Printer Remote) 9 2.11 Define the function of TCP / UDP (Transmission Control Protocol / User Datagram Protocol) <b>ports</b>. 4 2.12 Identify the well-known <b>ports</b> associated with the following commonly used services...</p>  |
| <p>25.</p>  | <p>CCIE Routing and Switching<br/> Official Exam Certification Guide,<br/> Second Edition<br/> <b>By:</b> Wendell Odom - CCIE No.<br/> 1624; Jim Geier; Naren Mehta<br/> <b>Publisher:</b> Cisco Press<br/> <b>Pub. Date:</b> 2006/02/20<br/> <b>Insert Date:</b> 2006/03/09<br/> <a href="#">Table of Contents</a></p> | <p><b>Section Title:</b> Foundation Topics</p> <pre>aaa authentication enable default group radius local aaa authentication login default group radius none ! Next, the two RADIUS servers are configured. The port numbers were omitted when ! the radius-server host 10.1.1.2 command was issued, and IOS filled in its ! default. Similarly, radius-server host 10.1.1.1 auth-port 1812 was issued,</pre> <p><b>More Results From This Book</b> </p> |
| <p>26.</p>  | <p>CCSP Flash Cards and Exam<br/> Practice Pack<br/> <b>By:</b> Behzad Behrashi; Grant<br/> Moerschel<br/> <b>Publisher:</b> Cisco Press<br/> <b>Pub. Date:</b> 2005/12/20<br/> <b>Insert Date:</b> 2006/03/29<br/> <a href="#">Table of Contents</a></p>   | <p><b>Section Title:</b> Securing the Perimeter</p> <p>... rt8(config-line)#password allT3ab3rRy! Sets the password for logging onto the aux <b>port</b> to allT3ab3rRy!. rt8(config-line)#no exec Prevents <b>authenticated</b> users from getting a user EXEC shell after logging on. rt8(config-line)#exit Exits...</p> <p><b>More Results From This Book</b> </p>   |

<p>27.</p> 	<p>IPv6 Essentials, 2nd Edition  <b>By:</b> Silvia Hagen  <b>Publisher:</b> O'Reilly  <b>Pub. Date:</b> 2006/05/17  <b>Insert Date:</b> 2006/06/06          Table of Contents</p>	<p><b>Section Title:</b> Case Studies</p> <p>... access points at the time of writing, expected to grow to 250 access points by the end of 2005), which requires an <b>authentication</b> with either the <b>802.1X</b> protocol or a captive portal, now fully supports IPv6. On the client side, IPv6 Stateless autoconfiguration is used as much as possible...</p>
<p>28.</p> 	<p>Network Virtualization  <b>By:</b> Victor Moreno, - CCIE 6908, Kumar Reddy  <b>Publisher:</b> Cisco Press  <b>Pub. Date:</b> 2006/07/19  <b>Insert Date:</b> 2006/08/05          Table of Contents</p>	<p><b>Section Title:</b> Implementing Dynamic <b>Authentication</b> and Authorization</p> <p>... only to the <b>port VLAN ID (PVID)</b> (the voice virtual LAN (VLAN) is always authorized). When the client fails to <b>authenticate</b> using <b>802.1x</b>, the switch can try another method using the MAC-auth-bypass feature, which attempts to <b>authenticate</b> the learned <b>MAC address</b> using RADIUS (...)</p>
<p>29.</p> 	<p>Microsoft® Windows® Small Business Server 2003 R2: Administrator's Companion  <b>By:</b> Charlie Russel; Sharon Crawford  <b>Publisher:</b> Microsoft Press  <b>Pub. Date:</b> 2006/05/31  <b>Insert Date:</b> 2006/09/13          Table of Contents</p>	<p><b>Section Title:</b> Connecting Computers to the Network</p> <p>... it eliminates the need for remote users to provide credentials for every domain resource they access. Because VPN client computers that are domain members must <b>authenticate</b> with the domain during logon, remote users can log onto their computers either via a dial-up VPN connection to the domain or by using...</p>
<p>30.</p> 	<p>MCSA/MCSE Self-Paced Training Kit (Exam 70-291): Implementing, Managing, and Maintaining a Microsoft® Windows Server™ 2003 Network Infrastructure, Second Edition  <b>By:</b> J. C. Mackin; Ian McLean  <b>Publisher:</b> Microsoft Press  <b>Pub. Date:</b> 2006/04/05  <b>Insert Date:</b> 2006/10/07          Table of Contents</p>	<p><b>Glossary</b></p> <p>... broadcast traffic on the local network to resolve a logically assigned Internet Protocol version 4 (IPv4) <b>address</b> to its physical hardware or Media Access Control (<b>MAC</b>) layer <b>address</b>. administrative credentials Logon information that is used to identify a member of an administrative group. Groups that use...</p>



31.



Telecommunications Essentials,  
Second Edition: The Complete  
Global Source  
**By:** Lillian Goleniewski; Kitty  
Wilson Jarrett

**Publisher:** Addison Wesley  
Professional

**Pub. Date:** 2006/10/10

**Insert Date:** 2006/10/29

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### Section Title: VPNs

... customer **port** can easily be mapped to one context and then remapped to another with only one line of configuration code. GRE routers can carry **multicast** traffic in GRE tunnels. Carriers can, therefore, distribute **multicast** traffic, such as video, in GRE VPNs or use GRE tunnels to carry **multicast** traffic...

32.



MCSE 70-293 Exam Prep:  
Planning and Maintaining a  
Microsoft® Windows Server™  
2003 Network Infrastructure, 2/e  
**By:** Will Schmied

**Publisher:** Exam Cram

**Pub. Date:** 2006/11/27

**Insert Date:** 2006/11/11

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### Section Title: Exam Questions

... **address** for a local LAN, whether an IP **address** is needed, as well as whether a **MAC address** is needed. Marshall claims that he can assign an IP **address** but not a **MAC address**. Why not? A. He needs only an IP **address**, not a **MAC address**. B. **MAC**...

**More Results From This Book**



33.



Cisco Network Admission  
Control, Volume 1: NAC  
Framework Architecture and  
Design  
**By:** Denise Helfrich; Lou  
Ronnau; Jason Frazier; Paul  
Forbes

**Publisher:** Cisco Press

**Pub. Date:** 2006/12/08

**Insert Date:** 2006/11/19

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### Section Title: IEEE 802.1X Operational Overview

... IEEE **802.1X** Operational Overview Now that you understand at a high level how **802.1X** identifies who someone is and/or restricts unauthorized devices from connecting to a LAN, we now review the underlying protocol messages. Until authentication has successfully completed, a supplicant only has access to the authenticator to...

34.



Authorized Self-Study Guide  
Building Cisco Multilayer  
Switched Networks (BCMSN)  
**By:** Richard Froom - CCIE No.  
5102; Balaji Sivasubramanian;  
Erum Frahim - CCIE No. 7549

**Publisher:** Cisco Press

**Pub. Date:** 2007/02/15

**Insert Date:** 2007/01/20

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## Section Title: Port Security

Port 2/2 security enabled.  
Trunking disabled for Port 2/2 due to Security Mode.  
6500> (enable) set port security 2/2 00-00-00-00-11-18  
**Mac address** 00-00-00-00-11-18 set for port 2/2.  
6500> (enable) set port security 2/2 maximum 1

**More Results From This Book**

35.



CCNP Self-Study: Building Cisco  
Multilayer Switched Networks  
(BCMSN), Third Edition  
**By:** Richard Froom - CCIE No.  
5102; Balaji Sivasubramanian;  
Erum Frahim - CCIE No. 7549

**Publisher:** Cisco Press

**Pub. Date:** 2005/07/18

**Insert Date:** 2007/01/28

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## Section Title: Port Security

Port 2/2 security enabled.  
Trunking disabled for Port 2/2 due to Security Mode.  
6500> (enable) set port security 2/2 00-00-00-00-11-18  
**Mac address** 00-00-00-00-11-18 set for port 2/2.  
6500> (enable) set port security 2/2 maximum 1

**More Results From This Book**

36.



A+, Network+, Security+ Exams in  
a Nutshell  
**By:** Pawan K. Bhardwaj

**Publisher:** O'Reilly

**Pub. Date:** 2007/03/01

**Insert Date:** 2007/03/29

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## Section Title: Protocols and Standards

... to the **MAC address** of the network interface card. The node **address** is appended to the network **address** to create a unique node **address** in the internetwork. The following is an example of an IPX **address**: 0AC74E02:02254F89AE48 Note that the first part of the IPX **address** is the **address** of...

**More Results From This Book**

37.



Designing and Building  
Enterprise DMZs  
**By:** Hal Flynn

**Publisher:** Syngress

**Pub. Date:** 2006/10/01

**Insert Date:** 2007/03/29

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## Section Title: Securing the Switch

... this example, we used the access-class command to apply access list 10, which allows only the host with IP **address** of 192.168.1.10 to Telnet to the switch. As with the console **port**, apply an exec-timeout timeout so that a session will time out after an idle period. In this case...

38.



CCNA ICND2 Official Exam  
Certification Guide (CCNA Exams  
640-816 and 640-802), Second  
Edition  
**By:** Wendell Odom - CCIE No.  
1624

**Publisher:** Cisco Press

**Pub. Date:** 2007/08/30

**Insert Date:** 2007/07/17

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## Section Title: Troubleshooting the LAN Switching Data Plane

! Lines omitted for brevity  
SW1#show port-security interface Fa0/13  
**Port Security** : Enabled  
**Port Status** : Secure-up  
**Violation Mode** : Protect

39.



Authorized Self-Study Guide  
Designing for Cisco Internetwork  
Solutions (DESIGN), Second  
Edition  
**By:** Diane Teare

**Publisher:** Cisco Press

**Pub. Date:** 2007/10/12

**Insert Date:** 2007/07/24

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## Section Title: Services Within Modular Networks

... the transport network. Multicasting enables distribution of videoconferencing, corporate communications, distance learning, software, and other applications. **Multicast** packets are replicated only as necessary by Cisco routers enabled with Protocol Independent **Multicast** and other supporting **multicast** protocols that result in the most efficient delivery of data to multiple receivers. To support...

**More Results From This Book**

40.



LAN Switch Security: What  
Hackers Know About Your  
Switches  
**By:** Eric Vyncke - CCIE No.  
2659; Christopher Paggen -  
CCIE No. 2659

**Publisher:** Cisco Press

**Pub. Date:** 2007/09/06

**Insert Date:** 2007/08/21

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## Section Title: 802.1X Security

... Safe?," discusses these attacks. By default, **802.1X** uses a group **MAC address**: the port access entity (PAE) group **address**. This **MAC address** is 0180.c200.0003, and the IEEE 802.1D assigned it for PAEs' use. In wired deployments, a supplicant's **MAC address** is unknown to an authenticator prior...

41.



CCENT Exam Prep (Exam 640-  
822)  
**By:** Jeremy Cioara; David  
Minutella; Heather Stevenson

**Publisher:** Exam Cram

**Pub. Date:** 2007/12/19

**Insert Date:** 2007/10/24

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## Appendix Title: Practice Exam

... **address** ○ **Multicast address** ○ Broadcast **address** 28. Which of the following would you typically configure as the default gateway for a PC? ○ The **IP address** of the local Layer 2 switch ○ The **MAC address** of the local Layer 2 switch ○ The **IP address** of the local router ○ The **MAC address**...

**More Results From This Book**

42.



Router Security Strategies:  
Securing IP Network Traffic  
Planes

By: Gregg Schudel - CCIE No.  
9591; David J. Smith - CCIE  
No. 1986

**Publisher:** Cisco Press

**Pub. Date:** 2007/12/29

**Insert Date:** 2007/10/29

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## Section Title: Layer 2 Ethernet Control Plane Security

... conjunction with the preceding destination **MAC address** integrity check using the ip arp inspection validate dst-mac src-mac command in IOS global configuration mode. ARP messages (both requests and responses) with invalid source IP addresses, including 0.0.0.0, 255.255.255.255, and all 224.0.0.0/4 IP **multicast** addresses, and ARP response...

43.



CCIE Routing and Switching  
Exam Certification Guide, Third  
Edition

By: Wendell Odom - CCIE No.  
1624; Rus Healy - CCIE No.  
15025; Naren Mehta - CCIE No.  
9797

**Publisher:** Cisco Press

**Pub. Date:** 2007/10/30

**Insert Date:** 2007/11/04

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## Section Title: Foundation Topics

```
aaa authentication enable default group radius local
aaa authentication login default group radius none
```

! Next, the two RADIUS servers are configured. The **port** numbers were omitted when ! the radius-server host 10.1.1.2 command was issued, and IOS filled in its ! default. Similarly, radius-server host 10.1.1.1 auth-port 1812 was issued,

**More Results From This Book**

44.



CCNA Practice Questions (Exam  
640-802), Third Edition

By: Jeremy Cioara - CCIE No.  
11727

**Publisher:** Exam Cram

**Pub. Date:** 2008/03/31

**Insert Date:** 2008/03/09

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## Section Title: Answers and Explanations

... standard. Answer E is incorrect because an SSID simply identifies the wireless network. B, D, F. To configure **port** security on a switch to only allow a single **MAC address** per **port**, the following commands must be entered on a per-interface basis: Switch(config)#interface fa0/...

45.



IBM BladeCenter Products and  
Technology

By: David Watts; Randall  
Davis; Ilia Kroutov

**Publisher:** IBM Redbooks

**Pub. Date:** 2008/03/03

**Insert Date:** 2008/07/02

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## Section Title: Page 66

... Identifying **MAC addresses** of the station allowed to access the **port** - **Port** security aging to set the aging time for secure **addresses** on a **port** - Multilevel security for a choice of security level, notification, and resulting actions - **MAC**-based **port**-level security for restricting the use of a switch **port**...

46.



Bluetooth™ 1.1: Connect  
Without Cables, Second Edition  
**By:** Jennifer Bray; Charles F.  
Sturman

**Publisher:** Prentice Hall

**Pub. Date:** 2001/12/17

**Insert Date:** 2008/07/31

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## Section Title: The PAN Profile

... if and when authentication and access rights checks are used. Mode 1 is no authorisation, mode 2 the PAN user is **authenticated**, mode 3 the PAN user is **authenticated** and its access rights are verified. Security Mode—This controls if and when link keys are required, and when other security...

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